



Electrical Safety Awareness



Introduction

The Electricity at Work Regulations 1989 requires that any employees required to work on or near electrical systems must be competent. This is defined in HSE guidance as having the suitable training, skills and knowledge for the task to prevent injury to themselves and others.



Course Duration

SSG offer this course over one day as a classroom or virtual course.



Course Attendees

This course is suitable for all persons working on or near electrical systems or those with responsibility for the safety of others.



Course Programme

This course includes elements of legislation, HSE guidance and technical policy from the IET (formerly the Institute of Electrical Engineers) and other professional bodies. It covers the following areas:

- An overview of the legislation
- Health and Safety at Work Act 1974
- Management of Health and Safety at Work Regulations
- Electricity at Work Regulations 1989
- Definitions – including voltage levels and live work
- Safe systems of work
- Appointment of competent persons
- Effects of electricity – including shocks and burns
- Types and methods of protection
- Harmonisation of cable colours
- Safe and secure isolation
- PPE and test equipment requirements
- Locking off procedure
- Working environment
- Risk assessment
- Electrical maintenance
- PAT basics
- Spot the faults exercise
- Building Regulations Part P
- Lock out and tag system
- Permit to work
- Certificates of boundary isolation
- Certification of the installation
- DC safety awareness
- Batteries

Generic systems can be discussed during the training to highlight the areas where additional control measures need to be introduced. Alternatively, the course can be tailored to integrate the company's existing policies and procedures beforehand, although this may require an element of consultancy.



Training Certification and Assessment

Delegates will be assessed through a practical demonstration followed by a written examination. On successful completion of both elements, delegates will receive an SSG course attendance certificate which is valid for three years.

Alternative assessment and report:

A more advanced written assessment is available on request. The results of this are processed to produce a per delegate report, assisting a duty holder in determining an individual's level of competency relevant for the nature of the work they undertake.



Suggested Follow on and Complementary Courses

- IOSH Working Safely